

Notice No: 1520244

General Manager

Clarence Valley Council Locked Bag 23 GRAFTON NSW 2460 SCANNED

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· 4 JUL 2014

Attention: Carmen Landers

Notice Number

1520244

File Number

EF13/10250

Date

04-Jul-2014

Re: Integrated Development Referral: DA2013-0508 - Kungala Quarry

Issued pursuant to Section 91A(2) Environmental Planning and Assessment Act 1979

I refer to the development application and accompanying information provided for the above proposal received by the Environment Protection Authority (EPA) on 20 December 2013. I also refer to to the EPA's letter to Council of 28 February 2014 regarding inadequacies in the Environmental Impact Statement for the proposal, particularly relating to soil and water management and noise assessment issues. I note that additional information generated by the proponent was forwarded by Council to the EPA on 15 May 2014 in response these concerns.

EPA has reviewed the additional information provided and has determined that it is able to issue a licence for the proposal, subject to the conditions detailed in the attached General Terms of Approval. The applicant will need to make a separate application to the EPA to obtain this licence.

The General Terms of Approval for this proposal are provided at attachment A. If Clarence Valley Council grants development consent for this proposal these conditions should be incorporated into the consent.

These general terms relate to the development as proposed in the documents and information currently provided to EPA. In the event that the development is modified either by the applicant prior to the granting of consent or as a result of the conditions proposed to be attached to the consent, it will be necessary to consult with EPA about the changes before the consent is issued. This will enable EPA to determine whether its general terms need to be modified in light of the changes.



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In assessing the proposal EPA has also identified a number of environmental issues that Council may wish to consider in its overall assessment of the application. These issues are discussed in attachment B and include the following issues:

- 1. Recommend progressive rehabilitation plan to be developed within 6 months of approval if granted.
- 2. Recommend upgrading of quarry access road to prevent water quality impacts at creek crossing during wet weather.

If you have any questions, or wish to discuss this matter further please contact Scott Ensbey of the Grafton office on 66402522.

Yours sincerely

Robert Donohoe

A/Head Environmental Management Unit

North - North Coast

(by Delegation)



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Administrative conditions

A1. Information supplied to the EPA

A1.1 Except as expressly provided by these general terms of approval, works and activities must be carried out in accordance with the proposal contained in:

- the development application DA2013-0508 submitted to Clarence Valley Council on 11 December 2013; and
- the document 'Environmental Impact Statement Extractive Industry (Gravel Quarry), Kungala Road, Kungala Lot 7 DP 112622, for Holmes Extractive Resources, November 2013' relating to the development, and accompanying development application supplied to the EPA by Clarence Valley council on 20 December 2013.
- additional information forwarded to the EPA by Clarence Valley Council dated 15 May 2014.

A2. Fit and Proper Person

A2.1 The applicant must, in the opinion of the EPA, be a fit and proper person to hold a licence under the Protection of the Environment Operations Act 1997, having regard to the matters in s.83 of that Act.

Limit Conditions

L1. Pollution of waters

L.1.1 Except as may be expressly provided by a licence under the Protection of the Environment Operations Act 1997 in relation of the development, section 120 of the Protection of the Environment Operations Act 1997 must be complied with in and in connection with the carrying out of the development.

L2. Concentration limits

- **L2.1** For each discharge point or utilisation area specified in the table/s below, the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentrations limits specified for that pollutant in the table.
- L2.2 Where a pH quality limit is specified in the Table, the specified percentage of samples must be within the specified ranges.
- L2.3 To avoid any doubt, this condition does not authorise the discharge or emission of any other pollutants.

L2.4 Water and/or Land Concentration Limits

DISCHARGE POINT 1 (Sediment Basin Discharge):

Pollutant	Units of measure	100% concentration limit
Total Suspended Solids	mg/L	50
Grease & Oil	Visible Nil	
рН	pH units	6.5 - 8.5



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- **L2.5** The concentration limits in the table below do not apply to any discharge from the sediment basin (at Point 1) solely arising from a rainfall event exceeding 50.1 mm (the 90th percentile 5 day rain event) in total falling over any consecutive five day period.
- **L2.6** If the applicant uses turbidity (NTU) in place of total suspended solids (TSS) to determine compliance with the EPA's general terms of approval, or a licence issued under the Protection of the Environment Operations Act 1997, the applicant must develop a statistical correlation which identifies the relationship between NTU and TSS for water quality in the sediment basin/s in order to determine the NTU equivalent of 50 mg/L TSS prior to its use.
- **L2.7** If the applicant uses turbidity (NTU) in place of total suspended solids (TSS) to determine compliance with the EPA's general terms of approval, or a licence issued under the Protection of the Environment Operations Act 1997, the applicant must provide the EPA with a copy of the statistical correlation assessment methodology and results before using NTU in place of TSS.
- **L2.8** If the applicant uses turbidity (NTU) in place of total suspended solids (TSS) to determine compliance with the EPA's general terms of approval, or a licence issued under the Protection of the Environment Operations Act 1997, the applicant must develop and implement a method to enable the ongoing verification of the relationship between NTU and TSS.
- **L2.9** If the applicant uses turbidity (NTU) in place of total suspended solids (TSS) to determine compliance with the EPA's general terms of approval, or a licence issued under the Protection of the Environment Operations Act 1997, the applicant must provide the EPA with any amendments the applicant makes to the statistical correlation as a result of the ongoing verification required by Condition L2.8 before using the revised statistical correlation.

L3. Waste

- **L3.1** The licensee must not cause, permit or allow any waste generated outside the premises to be received at the premises for storage, treatment, processing, reprocessing or disposal or any waste generated at the premises to be disposed of at the premises, except as expressly permitted by a licence under the Protection of the Environment Operations Act 1997.
- L3.2 This condition only applies to the storage, treatment, processing, reprocessing or disposal of waste at the premises if it requires an environment protection licence under the Protection of the Environment Operations Act 1997.

L4. Noise limits

- L4.1 Noise from the premises must not exceed an LAeq (15 minute) noise emission criterion of 35dB.
- L4.2 Noise from the premises is to be measured at the most affected residential receiver to determine compliance with this condition.
- L4.3 The noise limits set out in condition L4.1 apply under all meteorological conditions except for the following:
 - Wind Speeds greater than 3 metres/second at 10 metres above ground level; or
 - Temperature inversion conditions up to 3^o C/100m and wind speeds greater than 2 metres/second at 10 metres above ground level; or
 - Temperature inversion conditions greater than 3^oC/100m.

L5. Blasting

Time of blasting

L5.1 Blasting operations at the premises may only take place between 09:00 to 15:00 Monday to Friday.



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Overpressure

L5.2 The overpressure level from blasting operations on the premises must not exceed:

- a. 115dB (Lin Peak) for more than 5% of the total number of blasts over a period of 12 months; and
- b. 120dB (Lin Peak) at any time,

at any point within 1 meter of any affected residential boundary or other noise sensitive location

Note: The airblast overpressure values stated above apply when the measurements are performed with equipment having a lower cut-off frequency of 2Hz or less. If the instrumentation has a higher cut off frequency then a correction of 5dB should be asses to the measured value. Equipment with a lower cut-off frequency exceeding 10Hz should not be used for the purpose of measuring airblast overpressure.

Ground vibration (ppv)

L5.3 Ground vibration peak particle velocity from the blasting operations at the premises must not:

- a. Exceed 5mm/s for more than 5% of the total number of blasts over a period of 12 months; and
- b. Exceed 10mm/s at any time,

when measured at any point within 1 metre of any affected residential boundary or other noise sensitive location such as a school or hospital.

Frequency of blasting

L5.4 Blasting at the premises is limited to 1 blast each day on which blasting is permitted.

L5.5 All sensitive receivers are to be given at least 24 hours notice when blasting is to be undertaken.

L6. Hours of operation

L6.1 Activities covered by the EPA's general terms of approval, or a licence under the Protection of the Environment Operations Act 1997, must only be carried out between the hours of 7:00 am and 6:00 pm Monday to Friday, and 8:00 am and 1:00 pm Saturday, and at no time on Sundays and Public Holidays.

L6.2 This condition does not apply to the delivery of material outside the hours of operation permitted by condition L6.1 if that delivery is required by police or other authorities for safety reasons; and/or the operation or personnel or equipment are endangered. In such circumstances, prior notification must be provided to the EPA and affected residents as soon as possible, or within a reasonable period in the case of emergency.

Operating Conditions

O1. Dust

O1.1 Activities and processes occurring in or on the premises must be carried out in a manner that will minimise the generation of dust at source, and minimise the emission of dust from the premises by traffic or wind.



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O2. Stormwater / Erosion and Sediment Control

- **O2.1** Sediment basins shall be treated, if required, to reduce the Total Suspended Solids level to the concentration limit of 50 mg/L provided by the EPA's general terms of approval, or a licence under the Protection of the Environment Operations Act 1997, before being released to the environment.
- **O2.2** The applicant must maximise the diversion of run-on waters from lands upslope and around the site whilst land disturbance activities are being undertaken.
- **O2.3** The applicant must maximise the diversion of stormwater runoff containing suspended solids to sediment basins installed on the premises.
- **O2.4** All sediment basins and associated drainage must be installed and commissioned prior to the commencement of any clearing or grubbing works within the catchment area of the sediment basin that may cause sediment to leave the site
- **O2.5** The applicant must ensure the design storage capacity of the sediment basins installed on the premises is reinstated within 5 days of the cessation of a rainfall event.
- **O2.6** The applicant must ensure that sampling point(s) for water discharged from the sediment basin(s) are provided and maintained in an appropriate condition to permit:
- a) the clear identification of each sediment basin and discharge point;
- b) the collection of representative samples of the water discharged from the sediment basin(s); and
- c) access to sampling point(s) at all times by an authorised officer of the EPA.
- **O2.7** The applicant must endeavour to maximise the reuse of captured stormwater on the premises.
- **O2.8** Each sedimentation basin must have a marker (the "sediment basin marker") that identifies the upper level of the sediment storage zone.
- **O2.9** Whenever the level of liquid and other material in any sedimentation basin exceeds the level indicated by the sedimentation basin marker, the licensee must take all practical measures as soon as possible to reduce the level of liquid and other material in the sedimentation basin.
- **O2.10** The sediment basin and other ERSED control structures on site must meet the design and operational standards of *Managing Urban Stormwater Soils and Construction: Volume 1 and Volume 2 E. Mines and quarries.*
- **O2.11** The sites sediment basin must be maintained and operated to ensure that:
- a) All 5 day rainfall events up to 50.1 mm (the 90th percentile 5 day rain event) are captured.
- b) Any discharge from the sediment basin that occurs as a result of rainfall below the 5-day total of 50.1mm must meet the limit conditions specified in **condition L2.4.**
- **O2.12** The sediment basin spillway and downstream drainage line flowing off the premises must be designed and maintained to ensure there is no resuspension of sediment during discharge events under the design 50.1mm 5-day rainfall threshold.

Water Re-use Storages

O2.13 There must be no uncontrolled discharges off site from any water re-use storage dams on site. If such water storages require dewatering, this must occur via **Discharge Point 1**, and meet the concentration limits specified in **condition L2.4**.



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O3. Blasting

Blast management protocol

O.3.1 A Blasting/Vibration Management Protocol must be prepared in relation to the development and implemented. The protocol must include, but need not be limited to, the following matters:

- a. compliance standards;
- b. mitigation measures;
- c. remedial action;
- d. monitoring methods and program;
- measures to protect underground utilities (eg: rising mains, subsurface telecommunication and electric cables) and livestock nearby;
- f. notification of procedures for neighbours prior to detonation of each blast; Monitoring and recording conditions

DUE DATE: This management protocol is to be submitted to the EPA prior to the commencement of quarrying activities under this approval/licence.

Monitoring and Reporting Conditions

M1 Monitoring records

M1.1 The results of any monitoring required to be conducted by the EPA's general terms of approval, or a licence under the Protection of the Environment Operations Act 1997, in relation to the development or in order to comply with the load calculation protocol must be recorded and retained as set out in conditions M1.2 and M1.3.

M1.2 All records required to be kept by the licence must be:

- in a legible form, or in a form that can readily be reduced to a legible form;
- b. kept for at least 4 years after the monitoring or event to which they relate took place; and
- c. produced in a legible form to any authorised officer of the EPA who asks to see them.

M1.3 The following records must be kept in respect of any samples required to be collected: the date(s) on which the sample was taken;

- a. the time(s) at which the sample was collected;
- b. the point at which the sample was taken; and
- the name of the person who collected the sample.



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M2. Requirement to monitor concentration of pollutants discharged

M2.1 For each monitoring/ discharge point or utilisation area specified below (by a point number), the applicant must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The applicant must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:

Point 1 DISCHARGE POINT 1

Pollutant	Units of measure	Frequency	Sampling Method			
(Data provided as example only)						
Total Suspended Solids	mg/L	Special Frequency 1	Grab Sample			
Grease and Oil	mg/L	Special Frequency 1	Grab Sample / Visual Assessment			
рН	pH units	Special Frequency 1	Grab Sample / In Situ			

M2.2 < Special Frequency 1> means sampling any discharge, whether controlled or otherwise, which <u>has not occurred</u> from rainfall exceeding 50.1 mm over any consecutive 5-day period.

M3. Testing methods - concentration limits

M3.1 Monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area required by condition M3 must be done in accordance with:

- a. the Approved Methods Publication; or
- b. if there is no methodology required by the Approved Methods Publication or by the general terms of approval or in the licence under the Protection of the Environment Operations Act 1997 in relation to the development or the relevant load calculation protocol, a method approved by the EPA in writing before any tests are conducted,
- c. unless otherwise expressly provided in the licence.

M4. Environmental Monitoring

- M4.1 The applicant is required to install and maintain a rainfall depth measuring device.
- M4.2 Rainfall at the premises must be measured and recorded in millimetres per 24 hour period, at the same time each day.

Note: The rainfall monitoring data collected in compliance with Condition M4.2 can be used to determine compliance with L2.4 and L2.5.

Blast Monitoring

M4.3 For the purpose of blast monitoring, the ground vibration or the overpressure must be measured at the nearest residential receiver for each blast.



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Noise Monitoring

M4.4 For the purposes of monitoring for compliance with the noise limit conditions of the EPA's general terms of approval, or a licence under the Protection of the Environment Operations Act 1997, (condition L4) noise emitted from the premises must be measured or computed at 30 metres from the nearest residential dwelling/s over a period of 15 minutes using the "FAST" response on the sound level meter. A modifying factor correction must be applied for tonal, impulsive, or intermittent noise in accordance with the document NSW Industrial Noise Policy (NSW EPA, January 2000).

Reporting conditions

R1.1 The applicant must provide an annual return to the EPA in relation to the development as required by any licence under the Protection of the Environment Operations Act 1997 in relation to the development. In the return the applicant must report on the annual monitoring undertaken (where the activity results in pollutant discharges), provide a summary of complaints relating to the development, report on compliance with licence conditions and provide a calculation of licence fees (administrative fees and, where relevant, load based fees) that are payable. If load based fees apply to the activity the applicant will be required to submit load-based fee calculation worksheets with the return.

General Conditions

G1. Development of Noise Management Plans

Operational Noise Management Plan

- **G1.1** The proponent must prepare and implement a Noise Management Plan that covers all quarry extraction, processing and transport operations. The plan must include but not be limited to:
- a) Ongoing assessment of feasible and reasonable noise mitigation measures that will be applied at the premises to consistently achieve the noise limits prescribed in **Condition L4.1**;
- b) A system that allows for periodic assessment of Best Management Practice (BMP) and Best Available Technology Economically Achievable (BATEA) to minimise noise impacts over the life of the proposal;
- c) Measures to monitor noise performance and respond to complaints;
- d) Measures for community consultation including site contact details;
- e) Noise monitoring, and reporting procedures.

DUE DATE: This management plan is to be submitted to the EPA prior to the commencement of quarrying activities under this approval/licence.

Road Traffic Noise Management Plan

- **G1.2** The proponent must prepare and implement a Traffic Noise Management Plan (TNMP), prior to commencement of operation activities that includes but is not necessarily limited to:
- (a) identification of all potentially affected sensitive receivers in the vicinity of the site,
- (b) the traffic noise objectives,
- (c) an assessment of potential noise from traffic movements associated with the quarry against the objectives,
- (d) identification and application of feasible and reasonable noise management strategies for vehicle movements associated with the quarry, including but not necessarily limited to the following;
 - I. driver training to ensure that noisy practices such as the use of compression engine brakes are not unnecessarily used near sensitive receivers;
 - II. best noise practice in the selection and maintenance of vehicle fleets;



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- III. movement scheduling where practicable to reduce impacts during sensitive times of the day (eg school bus times);
- IV. communication and management strategies for non-quarry owned and operated vehicles to ensure the provisions of the TNMP are implemented;
- V. a system of audited management practices that identifies non conformances, initiates and monitors corrective and preventative action (including disciplinary action for breaches of noise minimization procedures) and assesses the implementation and improvement of the TNMP;
- VI. specific procedures for drivers for minimising road traffic noise impacts;
- VII. clauses in conditions of employment, or in contracts, of drivers that require adherence to the noise minimisation procedures and facilitate effective implementation of the disciplinary actions for breaches of the procedures.

DUE DATE: This management plan is to be submitted to the EPA prior to the commencement of quarrying activities under this approval/licence.

G2. Noise Compliance Monitoring

G2.1 A noise compliance assessment shall be undertaken within three months of commencement of operations within Extraction Zones 1 and 2 at the premises. The assessment must be conducted by a suitably qualified and experienced acoustical practitioner and shall assess compliance with noise limits presented in **Condition L4.1**. The assessment must recommend further noise mitigation works/strategies where necessary.

G3. Emergency Response

G3.1 The licensee must develop, maintain, and implement as necessary, a Pollution Incident Response Management Plan (PIRMP) for the premises. Details of the requirements can be found on the EPA website via the following link http://www.epa.nsw.gov.au/legislation/poefagspirmps.htm



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Mandatory Conditions for all EPA licences

Administrative conditions

Other activities

(To be used on licences with ancillary activities)

This licence applies to all other activities carried on at the premises, including:

- Extractive Activities
- Crushing, grinding & separating

Operating conditions

Activities must be carried out in a competent manner

Licensed activities must be carried out in a competent manner.

- · This includes:
 - a. the processing, handling, movement and storage of materials and substances used to carry out the activity; and
 - b. the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

Maintenance of plant and equipment

- All plant and equipment installed at the premises or used in connection with the licensed activity:
 - a. must be maintained in a proper and efficient condition; and
 - b. must be operated in a proper and efficient manner.

Monitoring and recording conditions

Recording of pollution complaints

The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.

The record must include details of the following:

- · the date and time of the complaint;
- the method by which the complaint was made;
- any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
- the nature of the complaint;
- the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and



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• if no action was taken by the licensee, the reasons why no action was taken.

The record of a complaint must be kept for at least 4 years after the complaint was made.

The record must be produced to any authorised officer of the EPA who asks to see them.

Telephone complaints line

The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.

The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.

This condition does not apply until 3 months after this condition takes effect.

Reporting conditions

Annual Return documents

What documents must an Annual Return contain?

- The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:
 - a Statement of Compliance; and
 - a Monitoring and Complaints Summary.

A copy of the form in which the Annual Return must be supplied to the EPA accompanies this licence. Before the end of each reporting period, the EPA will provide to the licensee a copy of the form that must be completed and returned to the EPA.

Period covered by Annual Return

An Annual Return must be prepared in respect of each reporting, except as provided below

Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.

- Where this licence is transferred from the licensee to a new licensee,
 - the transferring licensee must prepare an annual return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and
 - the new licensee must prepare an annual return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.

Note: An application to transfer a licence must be made in the approved form for this purpose.

- Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an annual return in respect of the period commencing on the first day of the reporting period and ending on
- in relation to the surrender of a licence the date when notice in writing of approval of the surrender is given; or in relation to the revocation of the licence the date from which notice revoking the licence operates.



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Deadline for Annual Return

The Annual Return for the reporting period must be supplied to the EPA by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').

Notification where actual load can not be calculated

(Licences with assessable pollutants)

Where the licensee is unable to complete a part of the Annual Return by the due date because the licensee was unable to calculate the actual load of a pollutant due to circumstances beyond the licensee's control, the licensee must notify the EPA in writing as soon as practicable, and in any event not later than the due date.

The notification must specify:

the assessable pollutants for which the actual load could not be calculated; and

the relevant circumstances that were beyond the control of the licensee.

Licensee must retain copy of Annual Return

The licensee must retain a copy of the annual return supplied to the EPA for a period of at least 4 years after the annual return was due to be supplied to the EPA.

Certifying of Statement of Compliance and Signing of Monitoring and Complaints Summary

Within the Annual Return, the Statement of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:

- (a) the licence holder; or
- (b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

A person who has been given written approval to certify a Statement of Compliance under a licence issued under the Pollution Control Act 1970 is taken to be approved for the purpose of this condition until the date of first review this licence.

Notification of environmental harm

Note: The licensee or its employees must notify the EPA of incidents causing or threatening material harm to the environment as soon as practicable after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act

Notifications must be made by telephoning the EPA's Pollution Line service on 131 555.

The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred.

Written report

Where an authorised officer of the EPA suspects on reasonable grounds that:

- (a) where this licence applies to premises, an event has occurred at the premises; or
- (b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence,



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and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.

The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.

- The request may require a report which includes any or all of the following information:
 - the cause, time and duration of the event;
 - the type, volume and concentration of every pollutant discharged as a result of the event;
 - the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event; and
 - the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;
 - action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
 - (details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event;

(any other relevant matters.

The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.

General conditions

Copy of licence kept at the premises or on the vehicle or mobile plant

A copy of this licence must be kept at the premises or on the vehicle or mobile plant to which the licence applies.

The licence must be produced to any authorised officer of the EPA who asks to see it.

The licence must be available for inspection by any employee or agent of the licensee working at the premises or operating the vehicle or mobile plant.



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ATTACHMENT B - Additional Recommendations for Council's Consideration

The EPA recommends that if granting consent for the proposal, Council should incorporate the following EPA recommendations into the consent:

- 1. The development of a progressive rehabilitation plan for the site. The EPA's concerns with the lack of planned site rehabilitation were outlined in our letter of 28 February 2014.
- 2. Upgrading of the quarry access route off Kungala Road to prevent wet weather water quality impacts. The proponent has outlined a proposal to address this issue in the additional information supplied on 15 May 2014.





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